

8-28-01  
#6  
2123

Patent  
Attorney's Docket No. 000348-191

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	Attention: <b>DRAFTING BRANCH</b>
	)	
Michel GASTIGER et al	)	
	)	Group Art Unit: Not Assigned
Application No.: 09/675,257	)	
	)	Examiner: Not Assigned
Filed: September 29, 2000	)	
	)	
For: PROCESS AND APPARATUS FOR	)	
PRODUCING A DIAGRAM OF AN	)	
INSTALLATION COMPRISING	)	
APPARATUSES SUPPLIED WITH GAS	)	

**RECEIVED**  
FEB 16 2001  
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**SUBMISSION OF FORMAL DRAWINGS**

**Box Issue Fee**  
Assistant Commissioner for Patents  
Washington, D.C. 20231


**ATTN: OFFICIAL DRAFTSMAN**

Sir:

Enclosed please find twenty seven (27) sheet(s) of formal drawings for review by the Patent and Trademark Office in connection with the above-identified application. Should the enclosed drawings require changes, it is respectfully requested that the Patent and Trademark Office notify the undersigned of same.

Respectfully submitted,

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Date: February 14, 2001

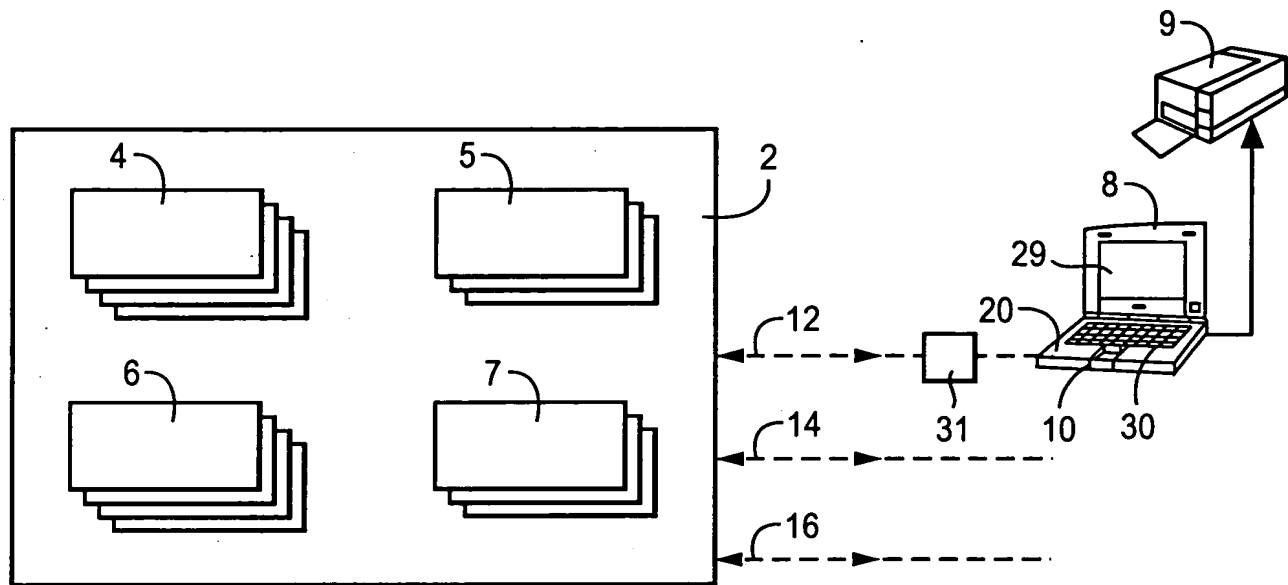


FIG. 1

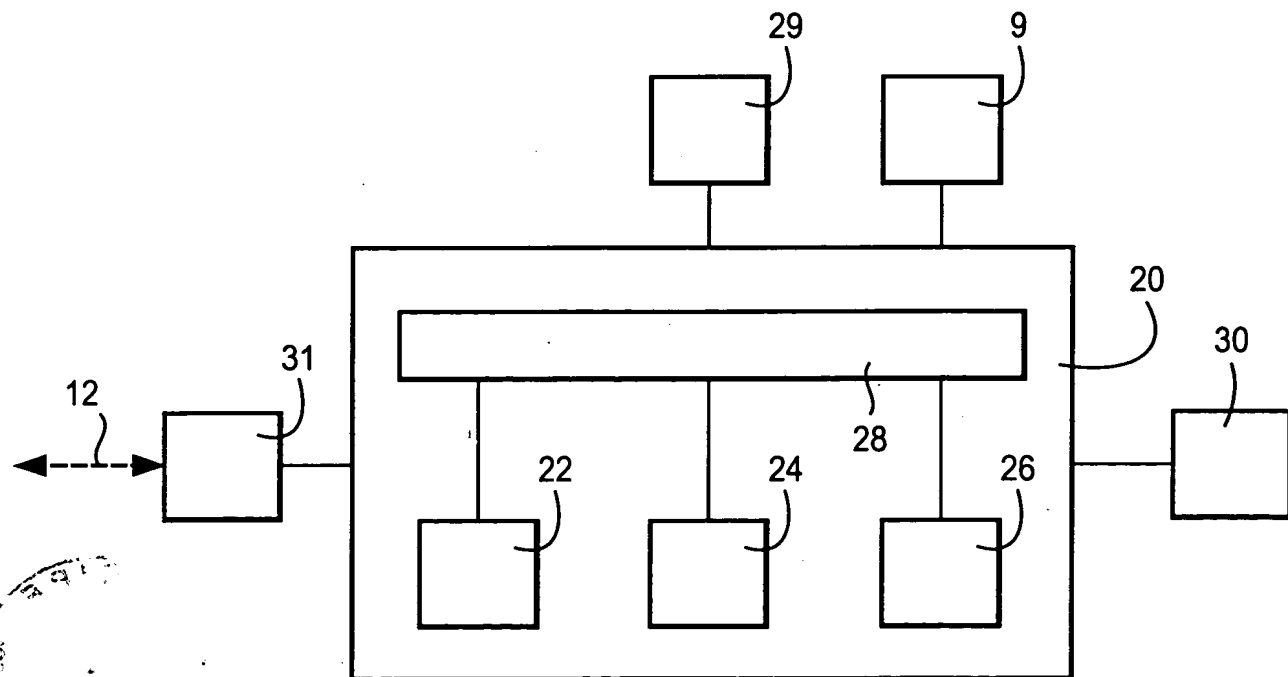


FIG. 2

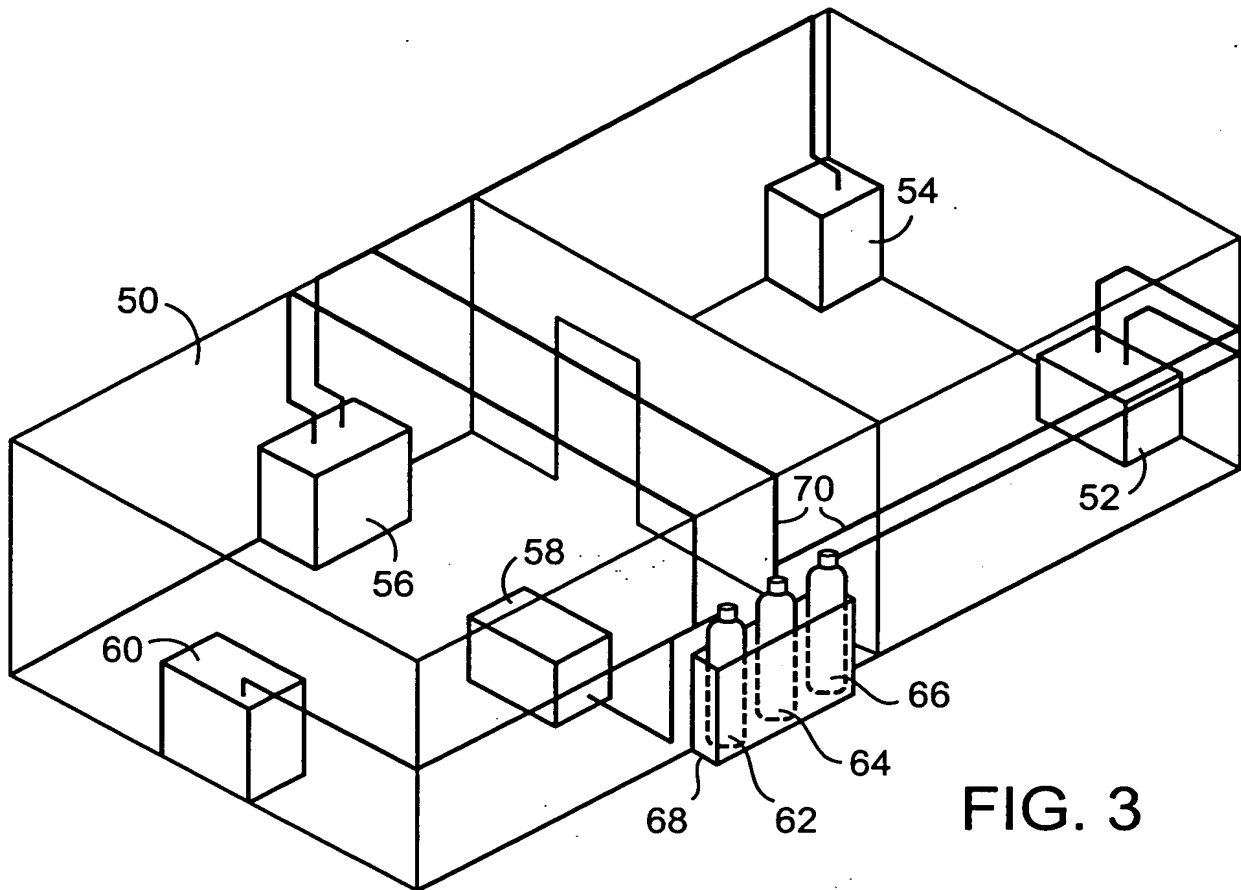


FIG. 3

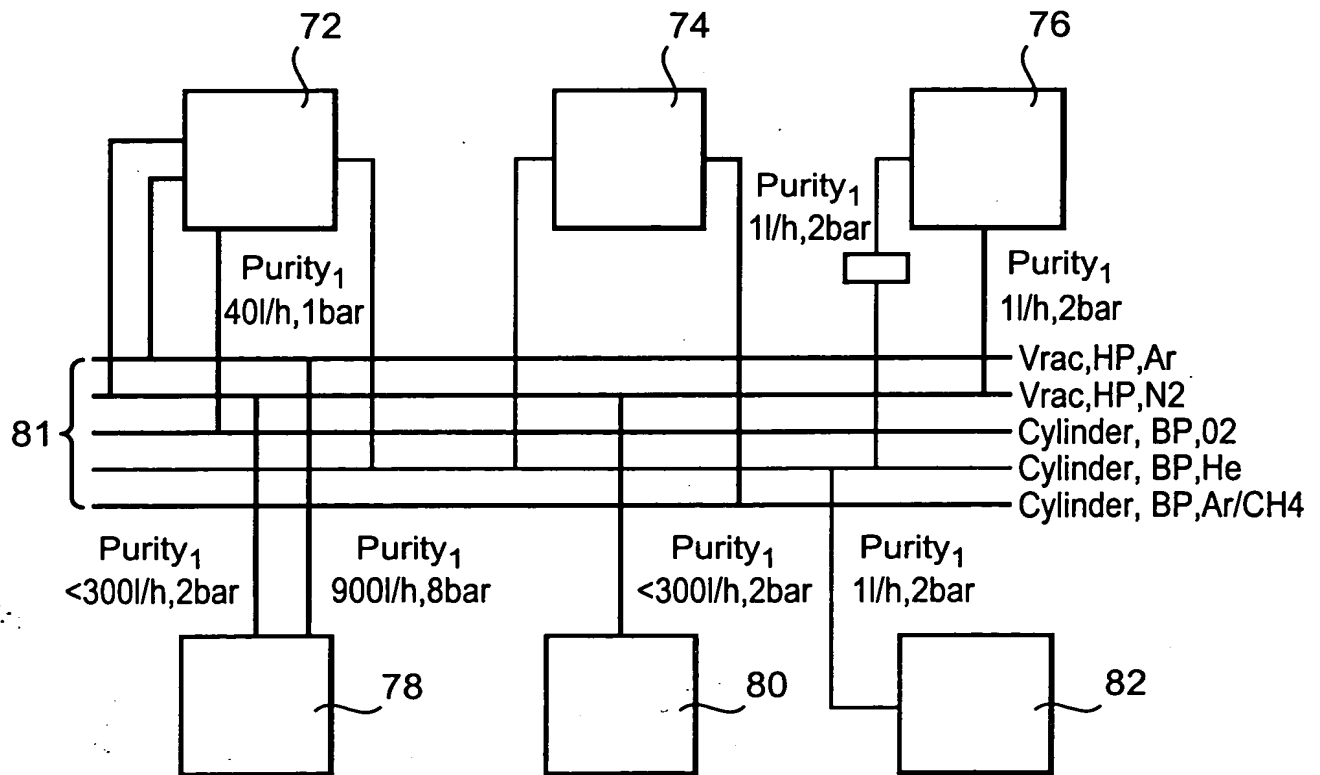
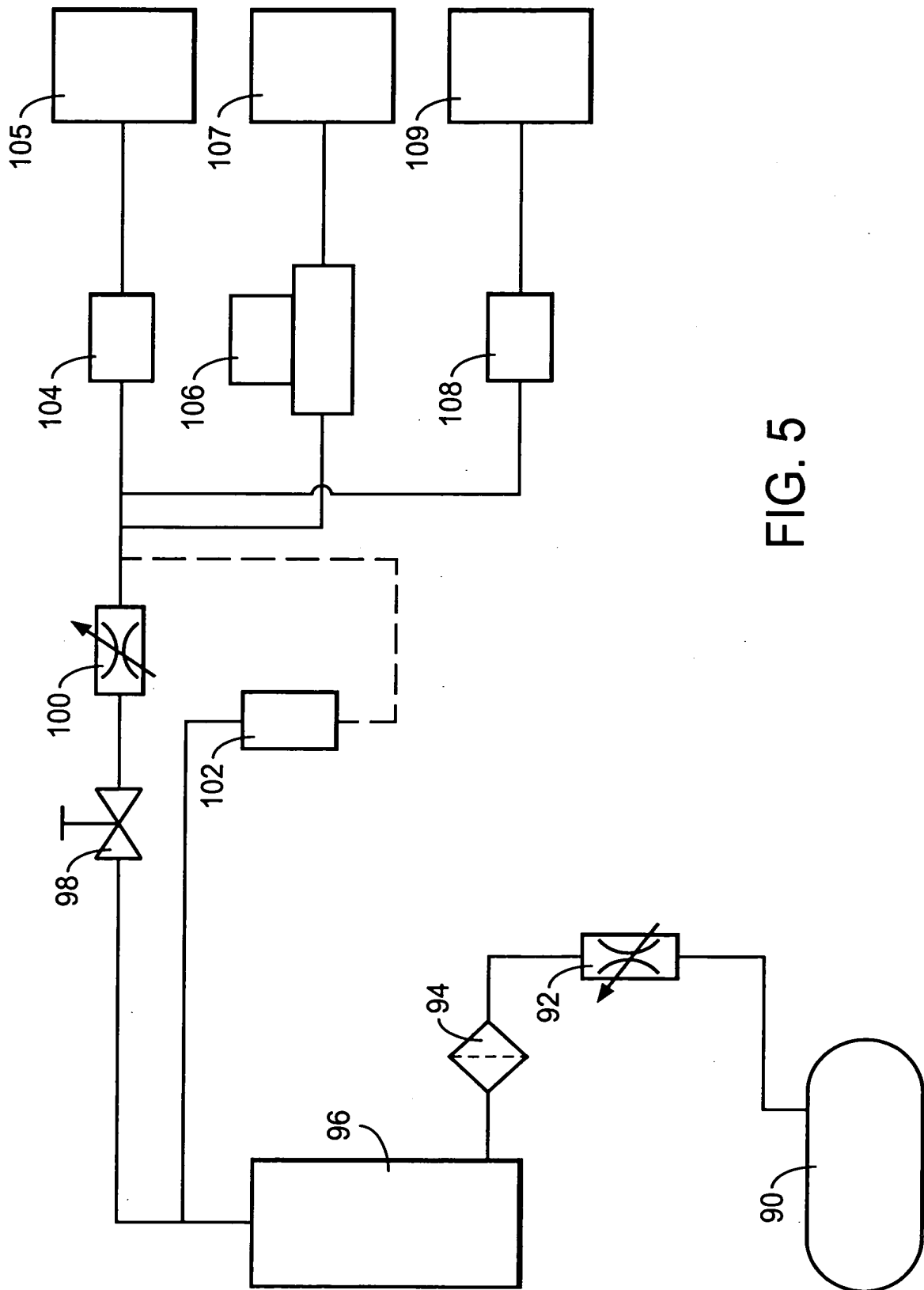


FIG. 4



**FIG. 5**

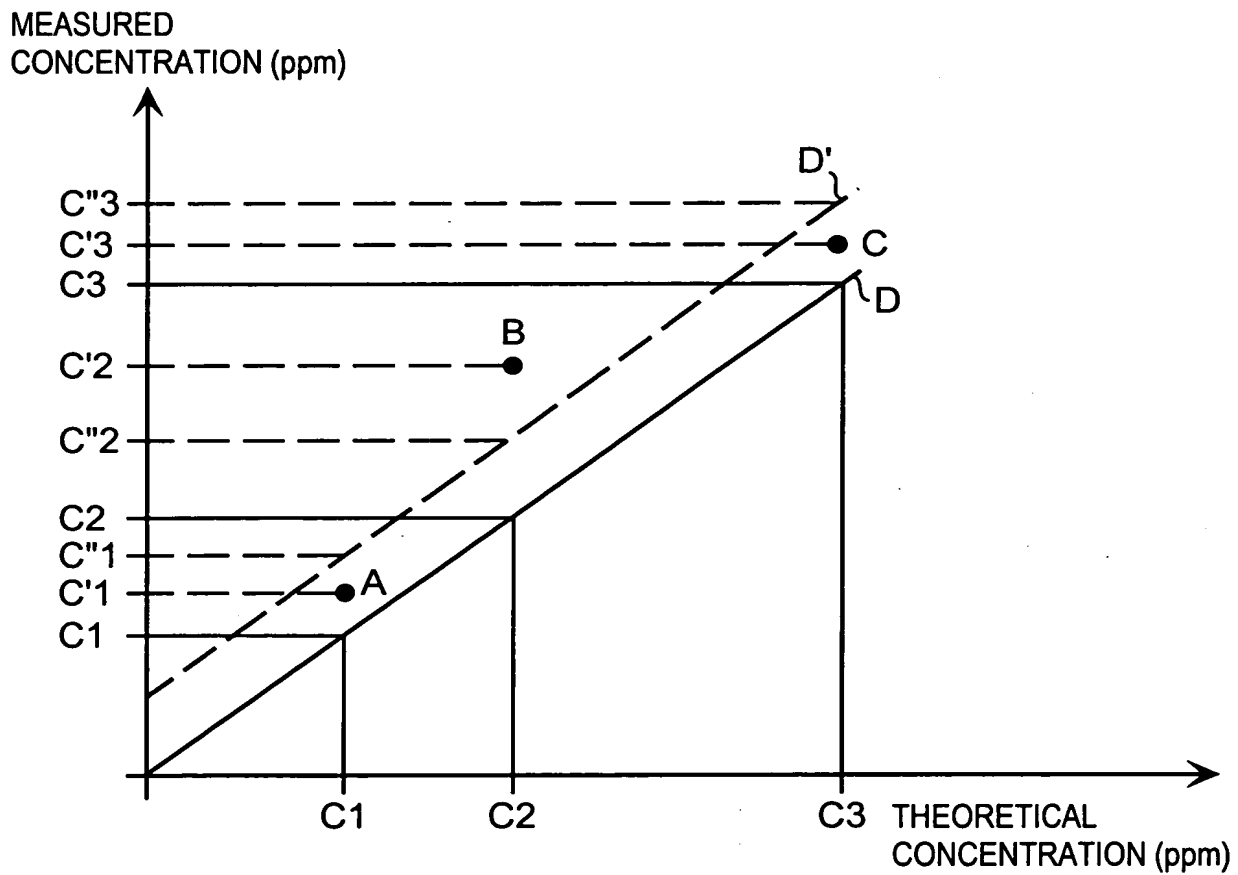


FIG. 6

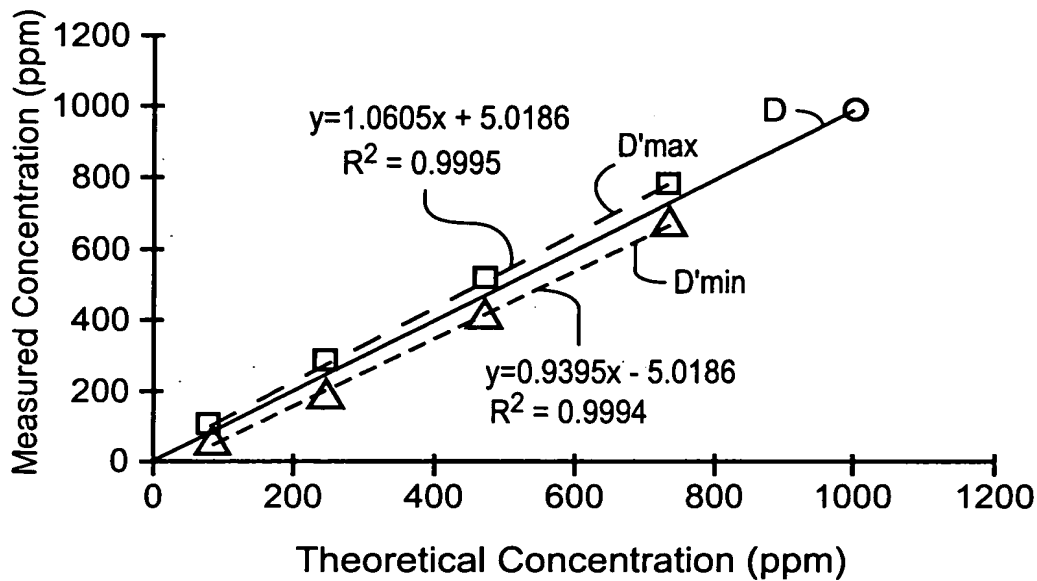


FIG. 7A

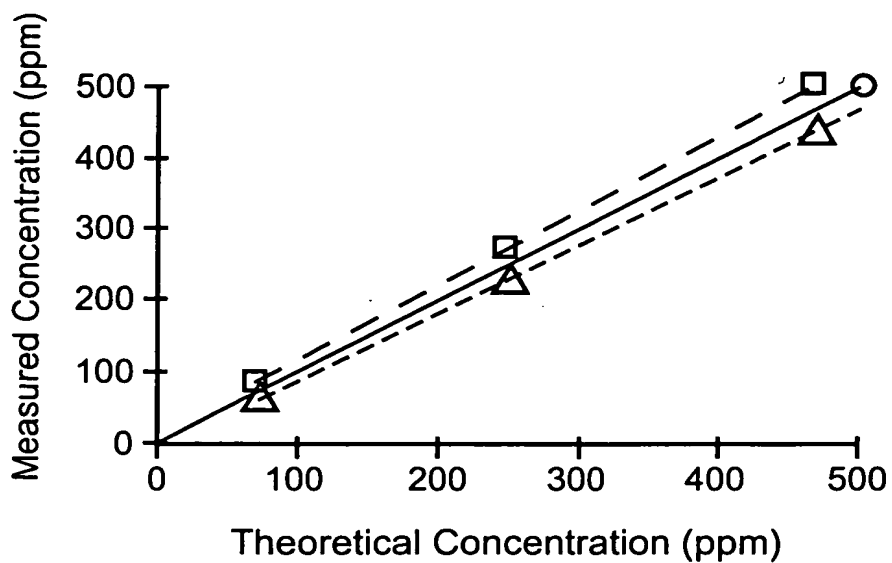


FIG. 7B

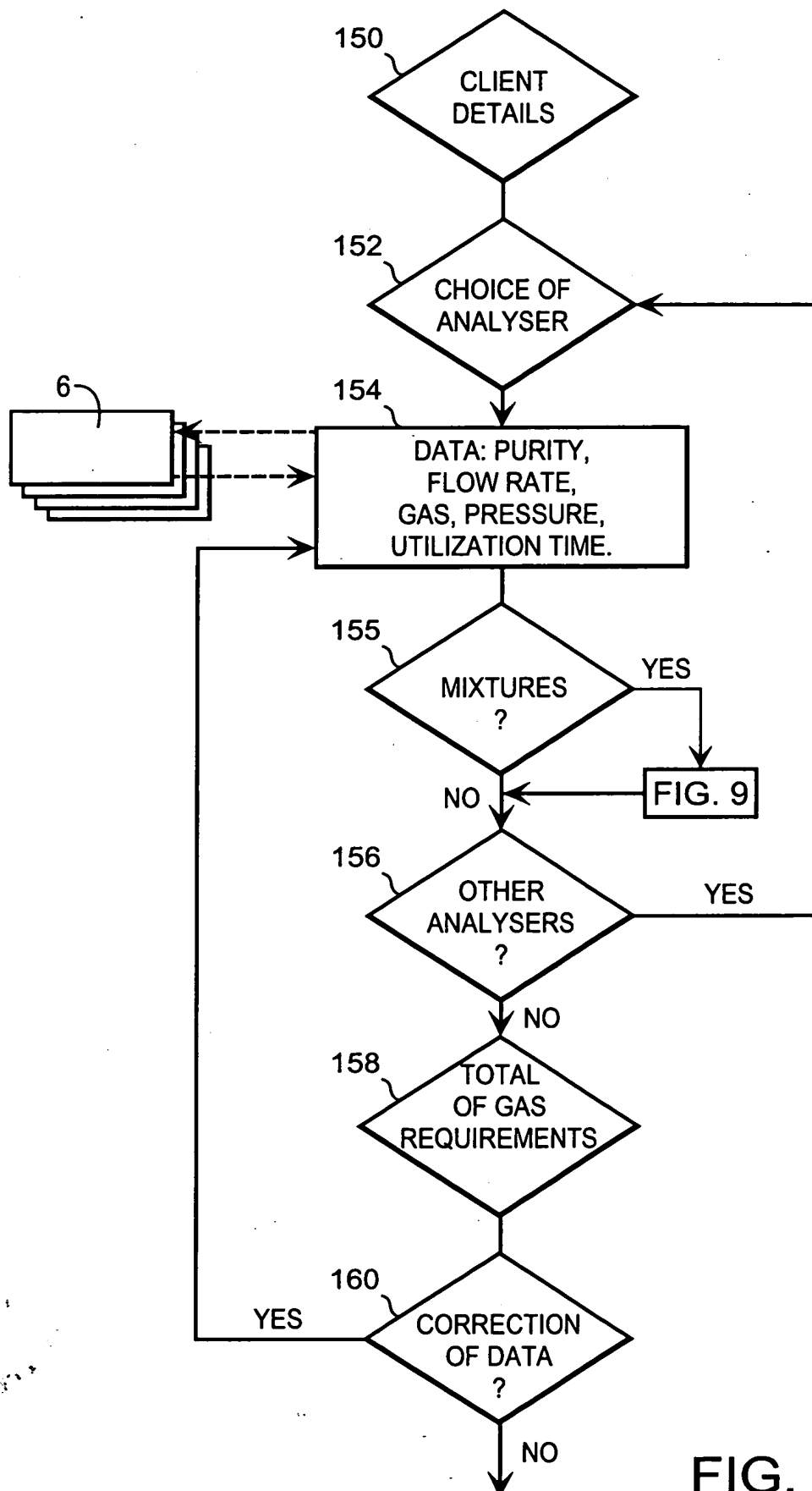
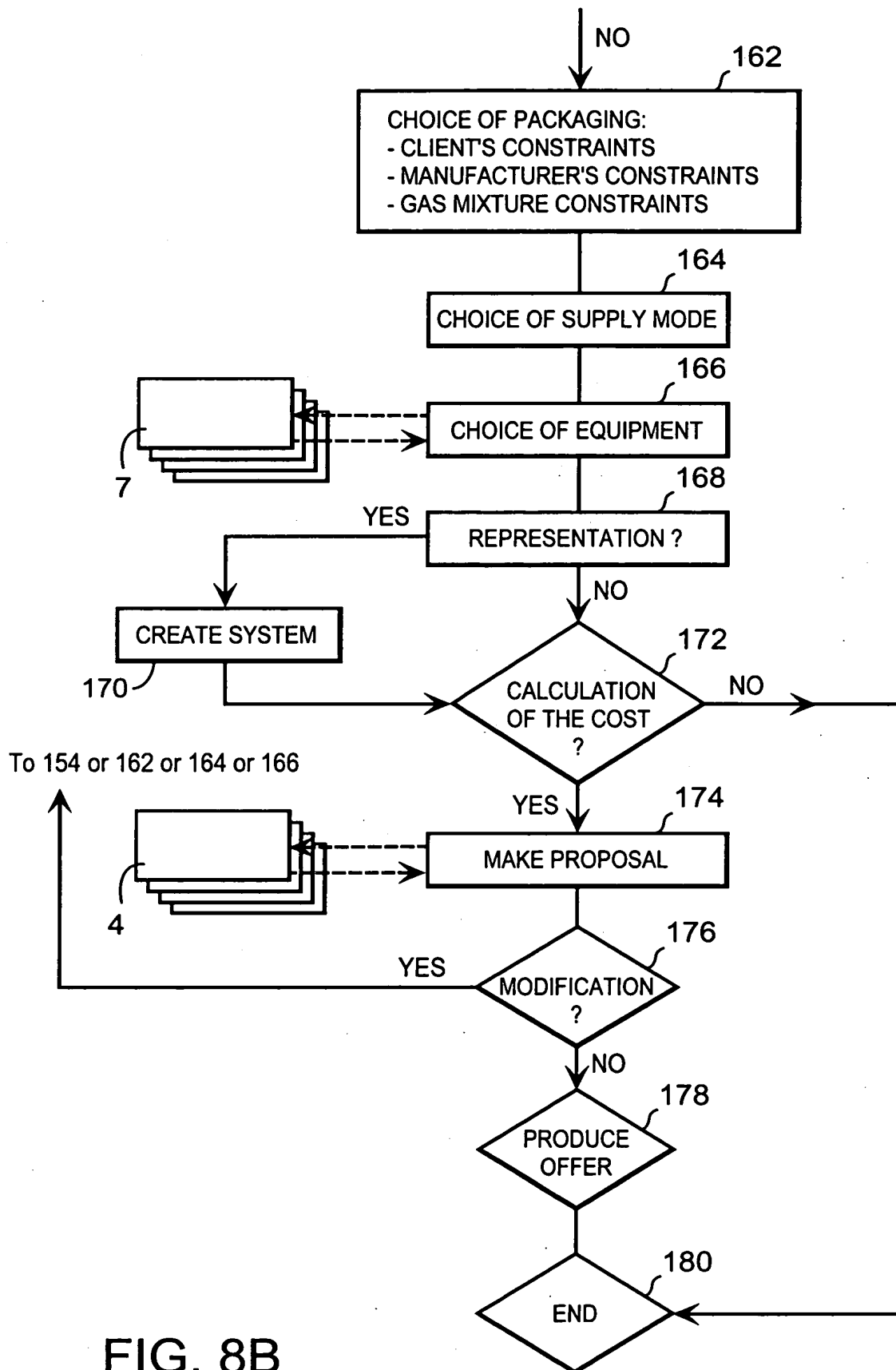


FIG. 8A





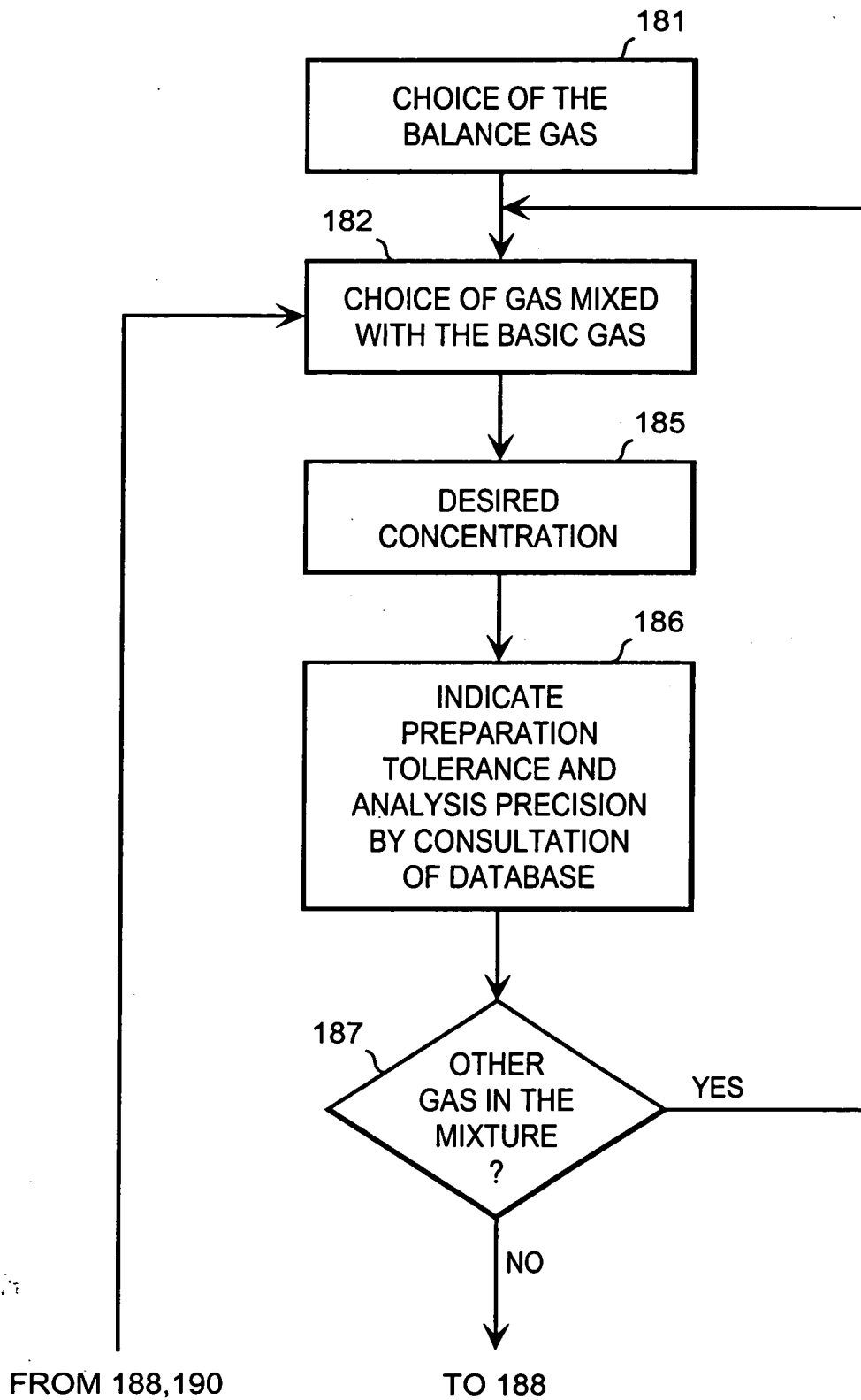


FIG. 9A

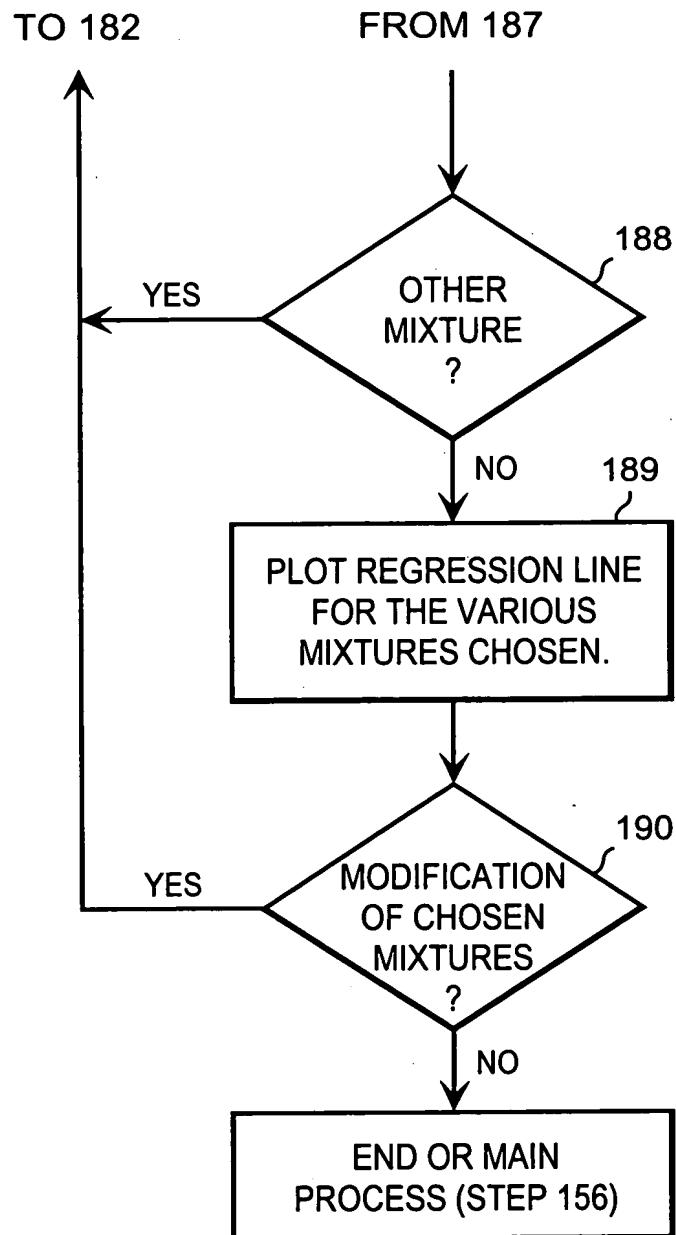


FIG. 9B

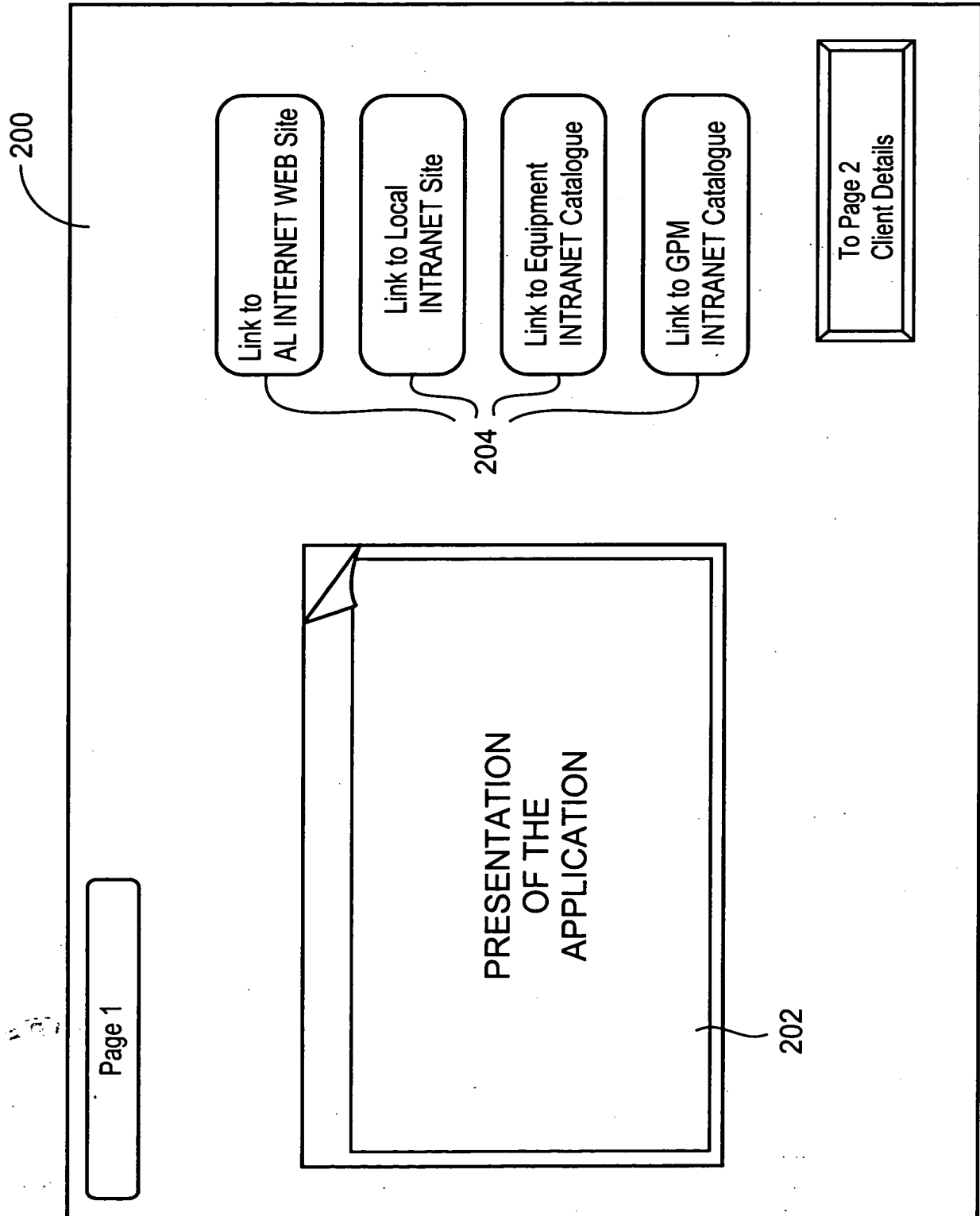


FIG. 10A

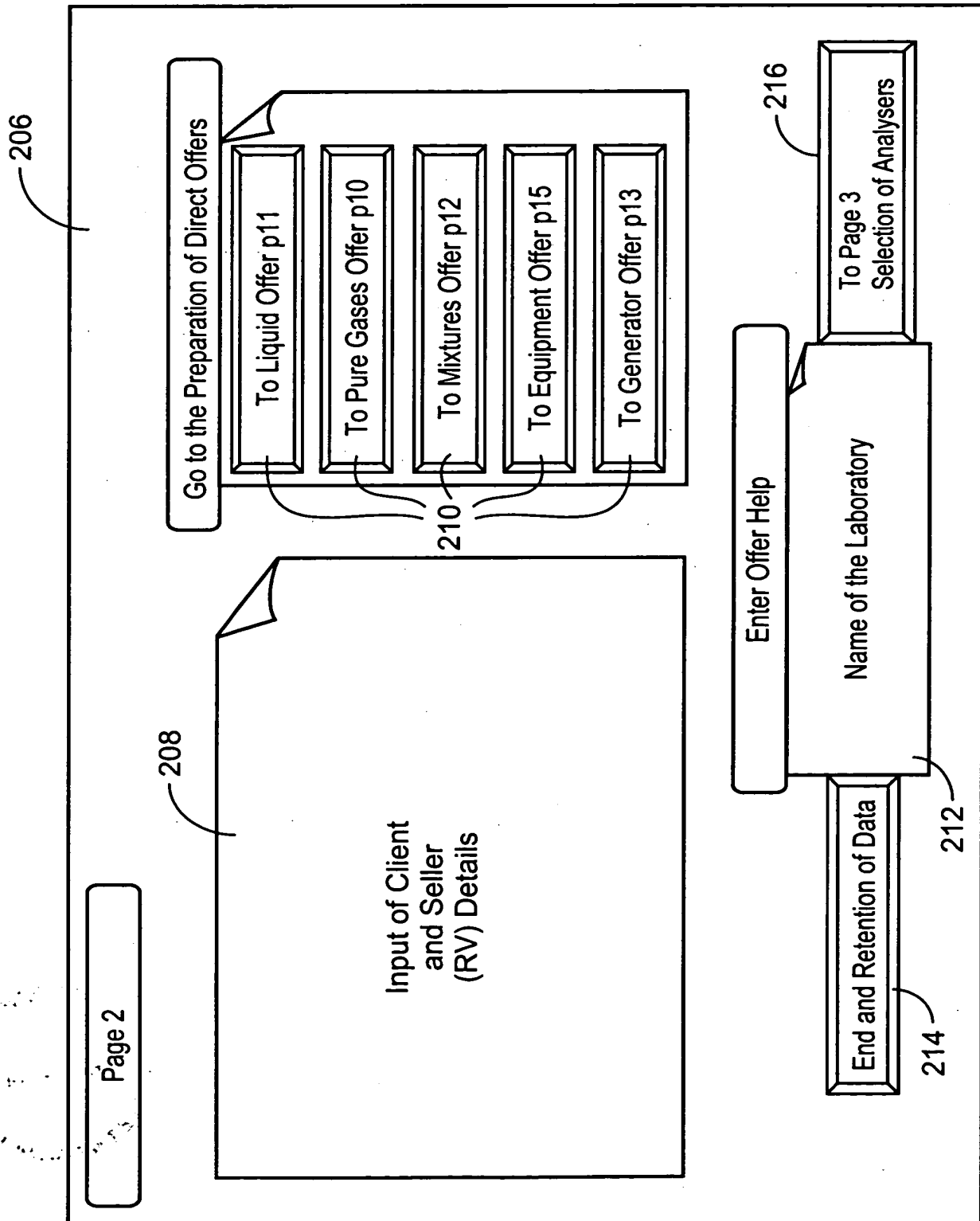


FIG. 10B

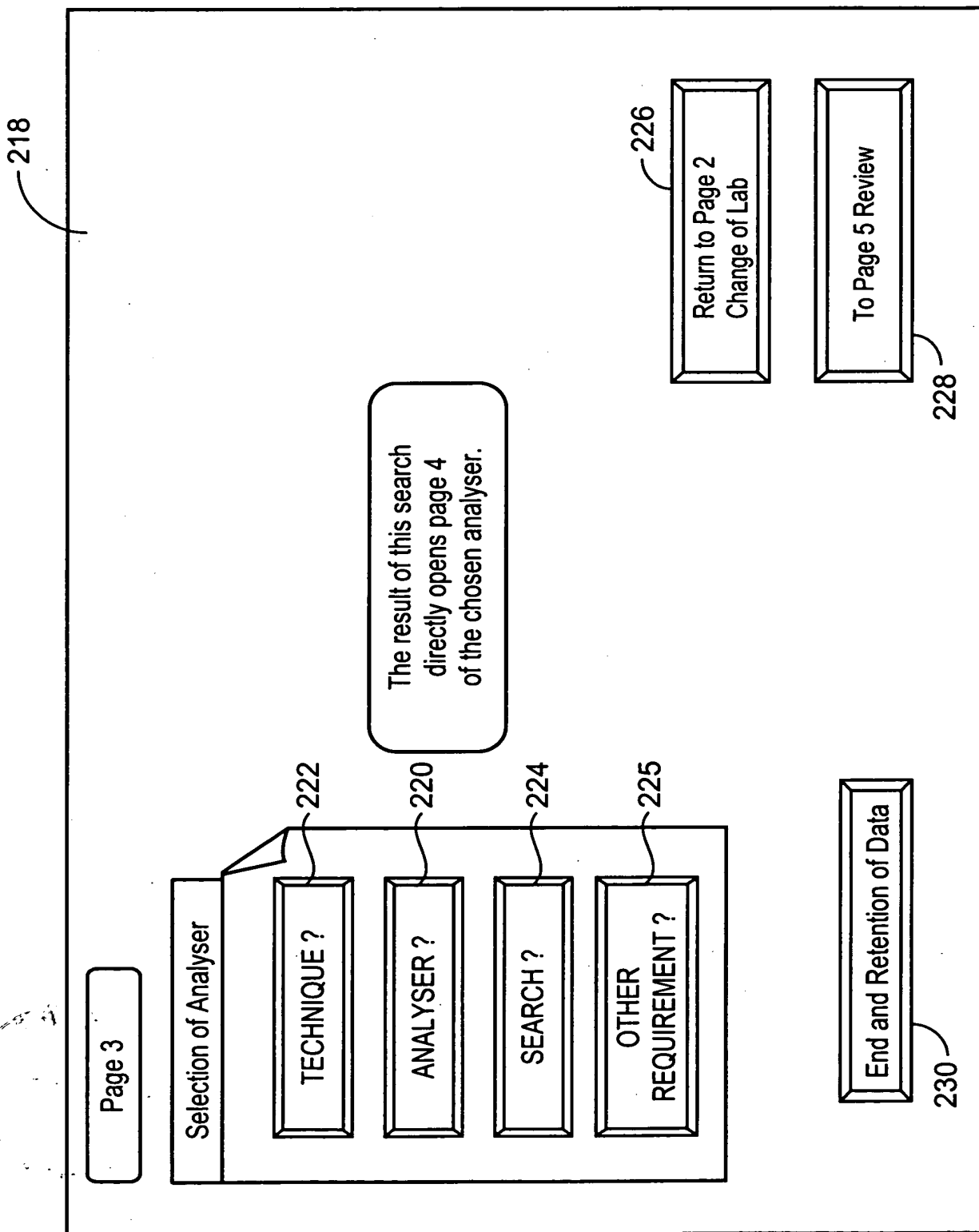


FIG. 10C

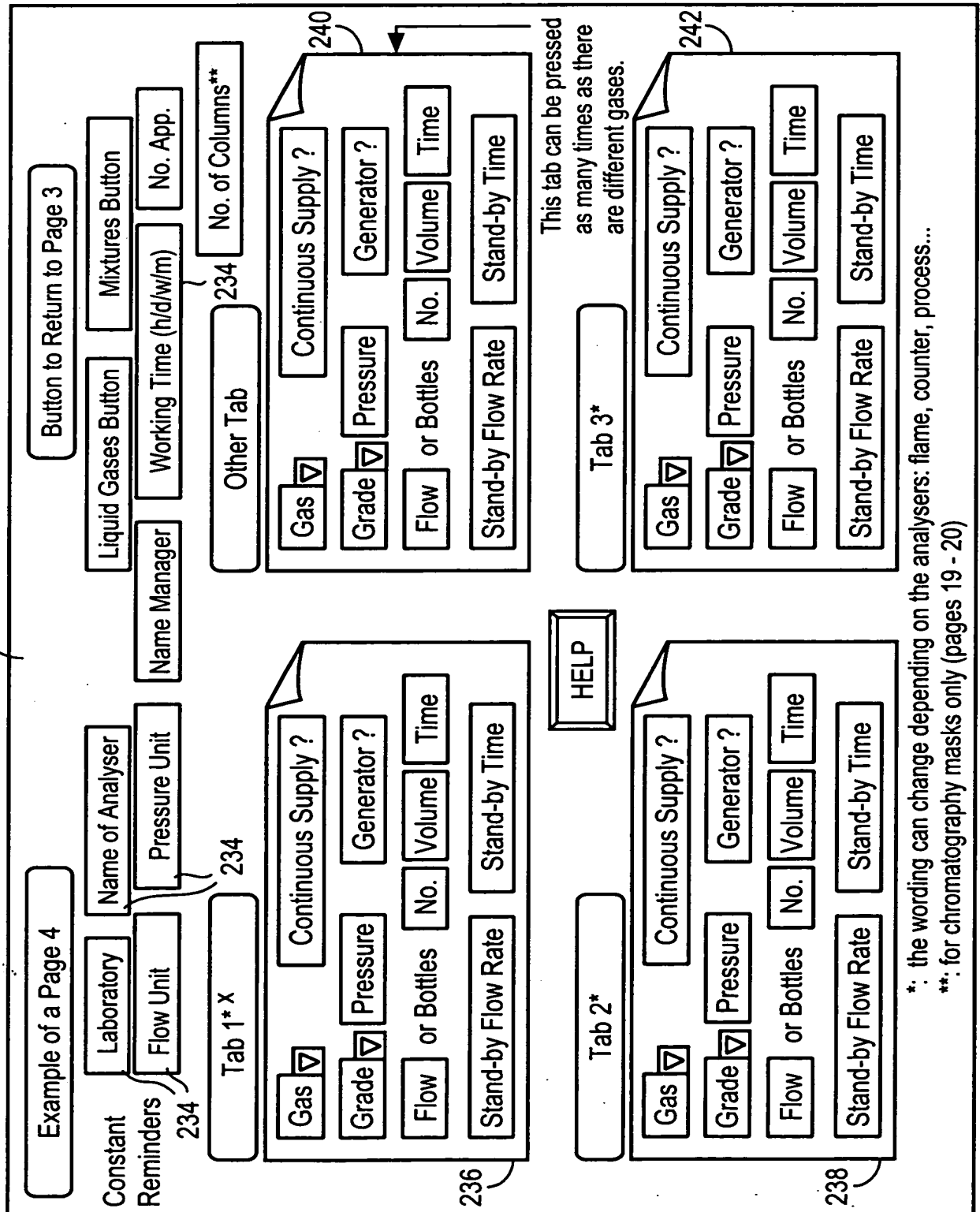


FIG. 10D

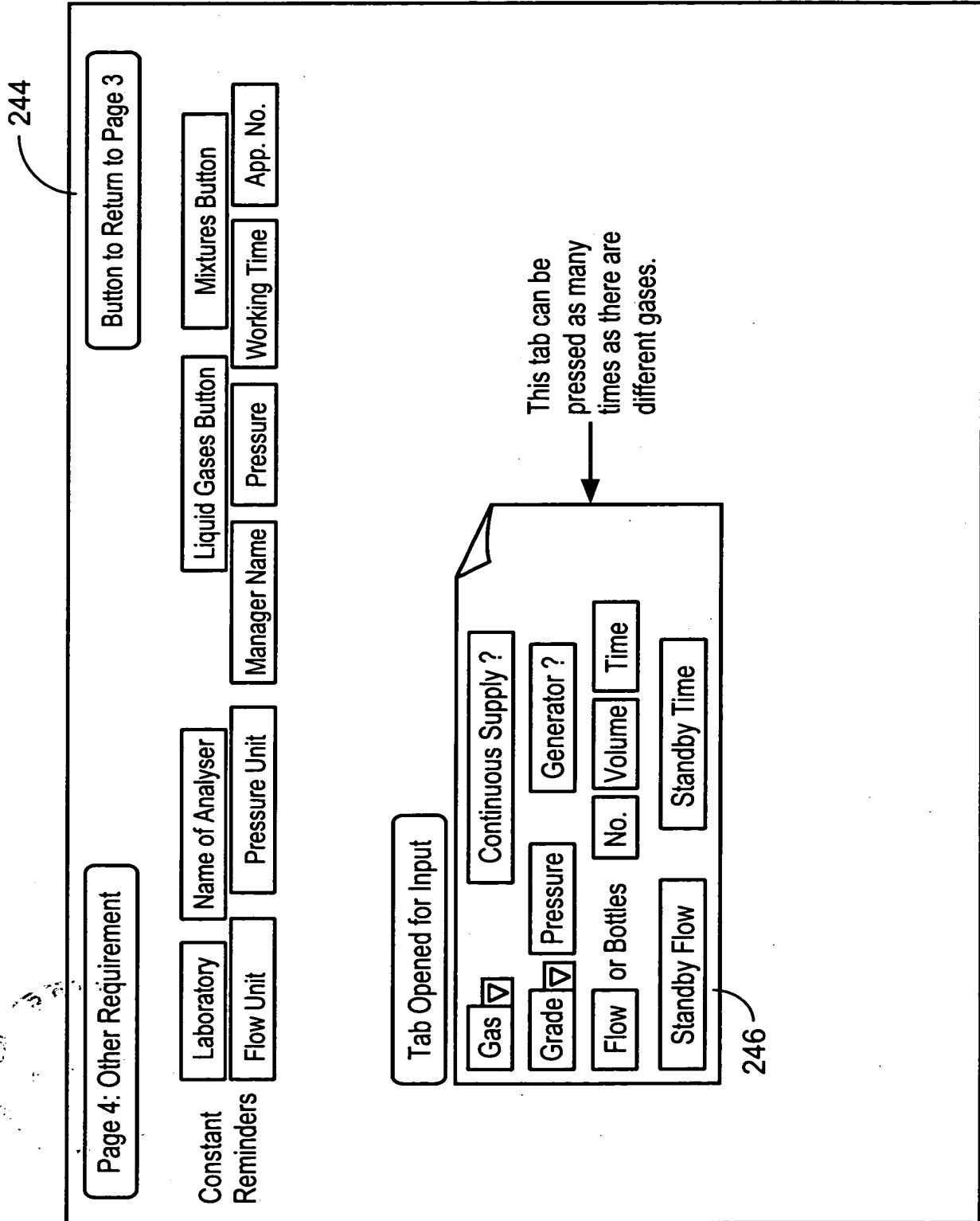


FIG. 10E

248

Page 5: Summary

Selection

By Laboratory

By Analyser

New Lab Button Page 2

Button to Return to Page 3

Go to Page 6 for Calculation

254

250

Example of Output by Laboratory

LABORATORY: B1/SDC

Analyser and Technique	Name	Tab Use	GAS	Purity	Flow Unit	Pressure Unit	Working Time (hours)	Bottle Size	Vol. Unit
GC/ECD	Jean	Carrier	H <sub>2</sub>	Alphagas 2	6 sccm	3 bar	1400	N	N
		Cleaning	H <sub>2</sub>	Alphagas 2	100 sccm	3 bar	400	N	N
		Standard	CF <sub>4</sub> /N <sub>2</sub>					B5	1m <sup>3</sup>
RMN	Paul	Cold	N?					BULK	5 l/d

End and Retention of Data

252

Volume of Empty Cylinder to be Returned

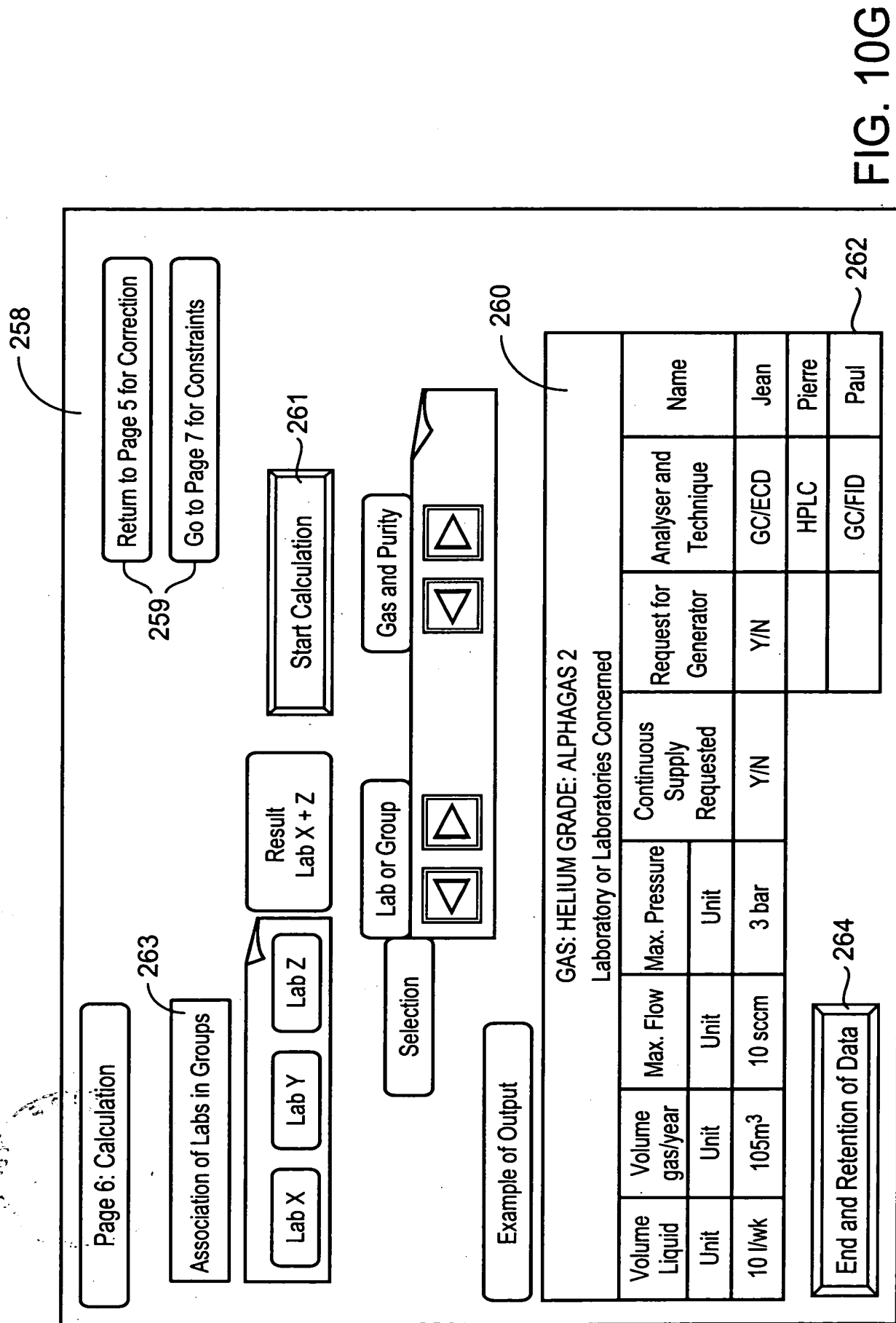
Number

256

Print Form

FIG. 10F





Page 7: Constraints

Selection

Gas

Purity

Total Volume

Reminders

Min. No. Months

Max. Pressure

Max. Flow

Return to Page 5 for Correction

Go to Page 8 for Choice

Total Flow

LAB

262 CLIENT CONSTRAINTS

Storage constraints:	No space for a container Bottles inside	<input type="checkbox"/>
Handling constraints:	No dedicated staff	<input type="checkbox"/>
Continuous supply requirement (Reminder)		<input type="checkbox"/>

268 AL CONSTRAINTS

Time between two rounds (GAS)	DAYS
Time between two rounds (LIQUID)	DAYS
Validation by Logistics Department	<input type="checkbox"/>

266 AL SERVICES

Management of gas stocks and supplies	<input type="checkbox"/>
Traceability of bottles	<input type="checkbox"/>
Connections (compliance with draining procedures)	<input type="checkbox"/>
Qualification of gas lines and installations	<input type="checkbox"/>
Preventative and curative maintenance	<input type="checkbox"/>

270 WEB LINKS

DATAL	<input type="checkbox"/>
CYGMA	<input type="checkbox"/>
AUDIGAZ	<input type="checkbox"/>
SERVIGAZ	<input type="checkbox"/>

End and Retention of Data

260

Return to Page 5 for Correction

Go to Page 8 for Choice

Total Flow

LAB

264

Return to Page 5 for Correction

Go to Page 8 for Choice

Total Flow

LAB

262 CLIENT CONSTRAINTS

Storage constraints:	No space for a container Bottles inside	<input type="checkbox"/>
Handling constraints:	No dedicated staff	<input type="checkbox"/>
Continuous supply requirement (Reminder)		<input type="checkbox"/>

268 AL CONSTRAINTS

Time between two rounds (GAS)	DAYS
Time between two rounds (LIQUID)	DAYS
Validation by Logistics Department	<input type="checkbox"/>

266 AL SERVICES

Management of gas stocks and supplies	<input type="checkbox"/>
Traceability of bottles	<input type="checkbox"/>
Connections (compliance with draining procedures)	<input type="checkbox"/>
Qualification of gas lines and installations	<input type="checkbox"/>
Preventative and curative maintenance	<input type="checkbox"/>

270 WEB LINKS

DATAL	<input type="checkbox"/>
CYGMA	<input type="checkbox"/>
AUDIGAZ	<input type="checkbox"/>
SERVIGAZ	<input type="checkbox"/>

272

Return to Page 5 for Correction

Go to Page 8 for Choice

Total Flow

LAB

FIG. 10H

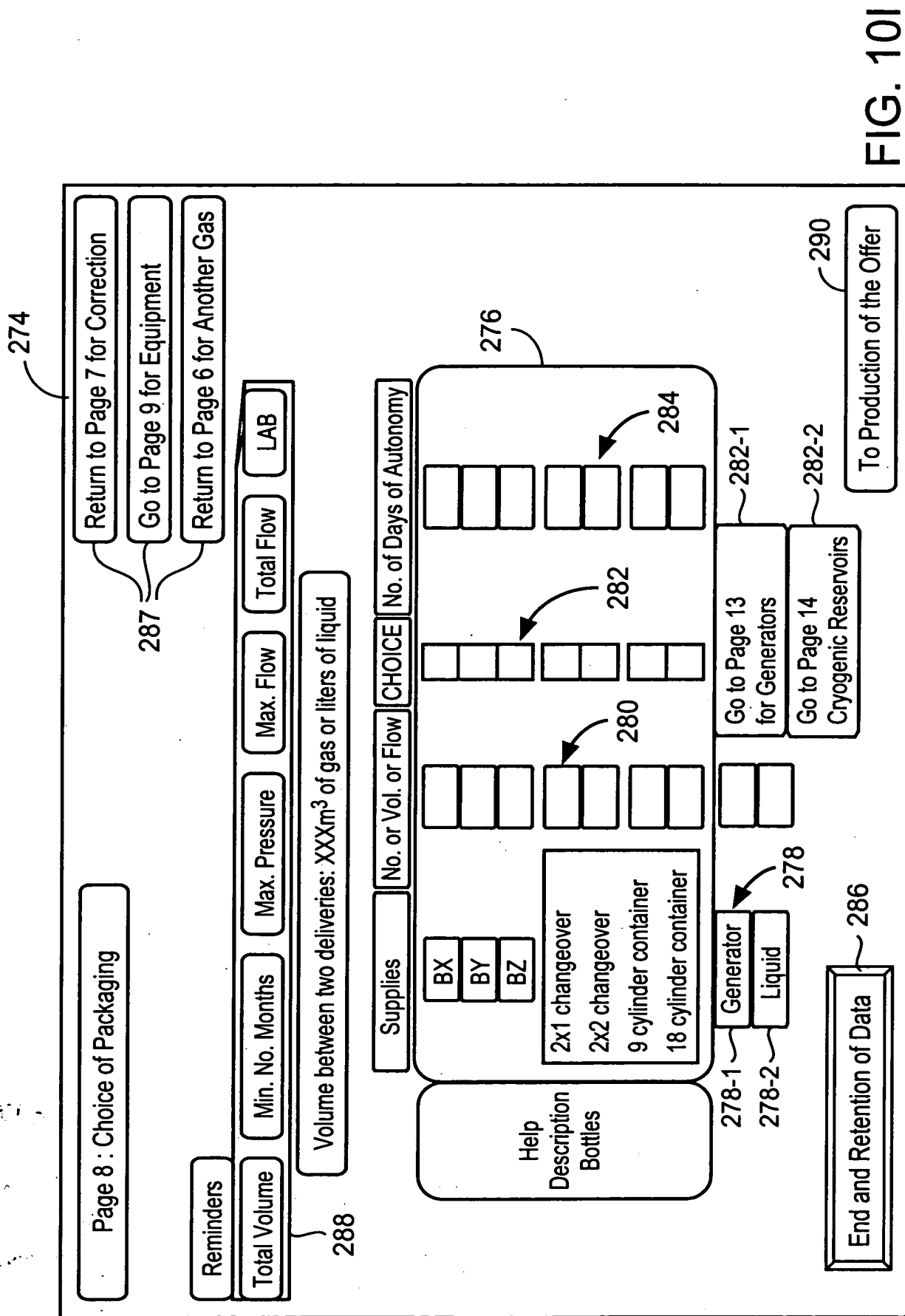


FIG. 10I

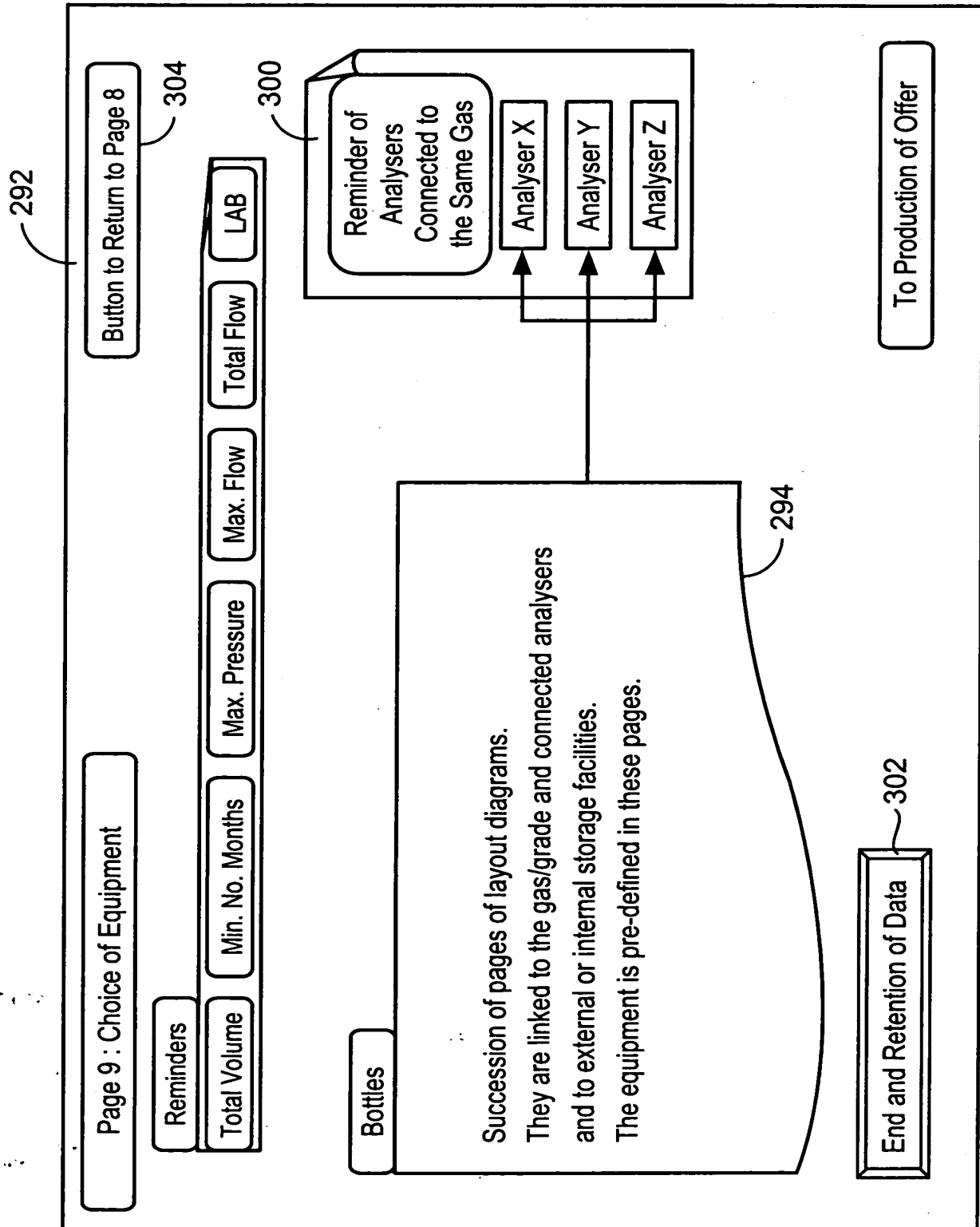


FIG. 10J

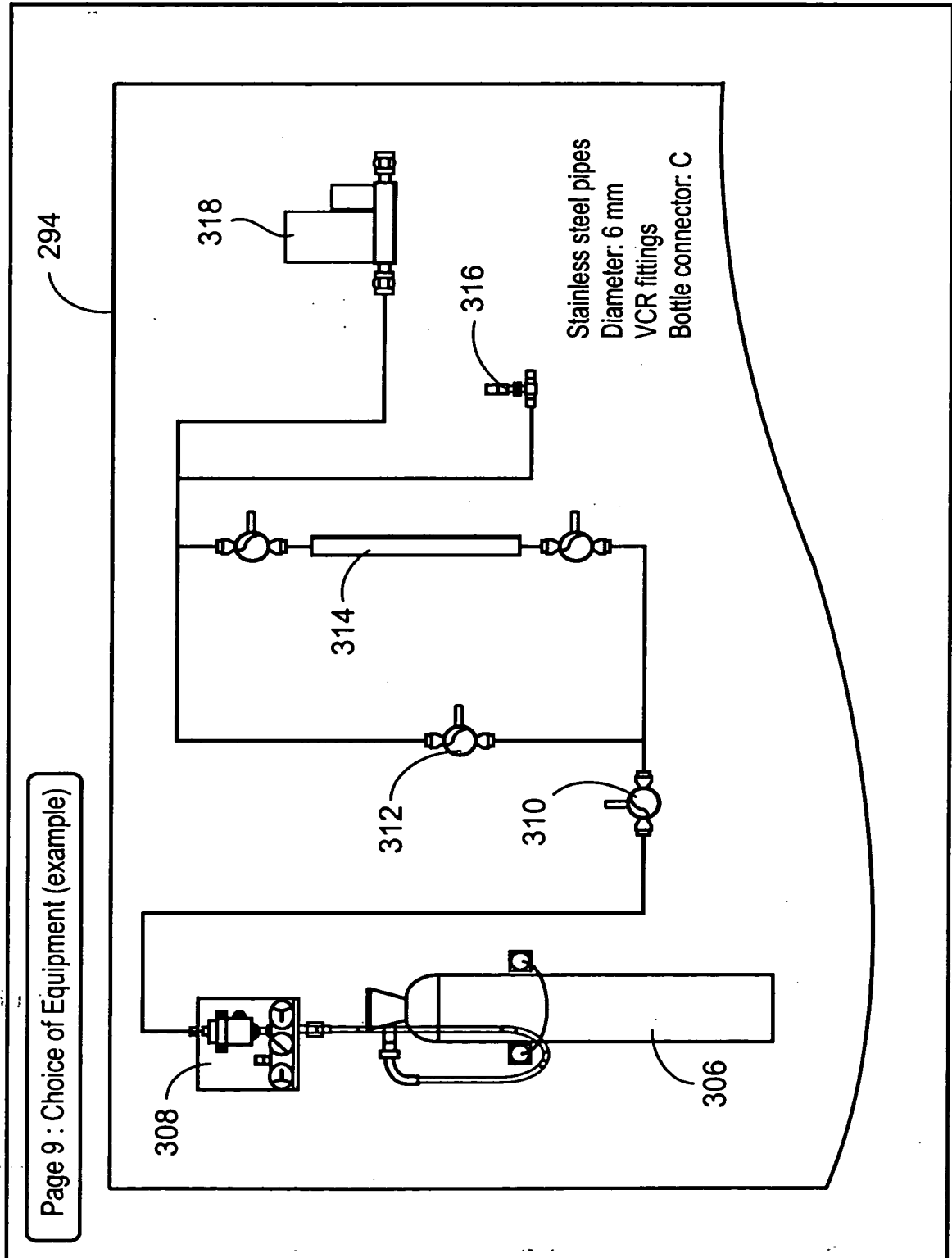


FIG. 10K

Page 10: Flash Order: Pure Gases

330

Button to Return to Page 2

346

Laboratory

Name of Analyser

Name of Manager

To be entered if necessary

Gas ▾

Grade ▾

Bottle Size

Continuous Supply ?

No. of bottles/weeks/month

334

332

336

342

338

340

This tab can be pressed as many times as there are different requirements.

HELP: Description of Bottles

344

348

To Production of Offer

FIG. 10L

350

Page 11: Flash Order: Liquid Gases

Laboratory

Name of Analyser

Name of Manager

To be entered if necessary

354

Gas ▽

1 Grade

352

Continuous Supply?

Volume/week/month

356

358

This tab can be pressed as many times as there are different requirements.

HELP: Description Cryogenic Reservoirs

360

Button to Return to Page 2

Button to go to Cryogenic Containers

FIG. 10M

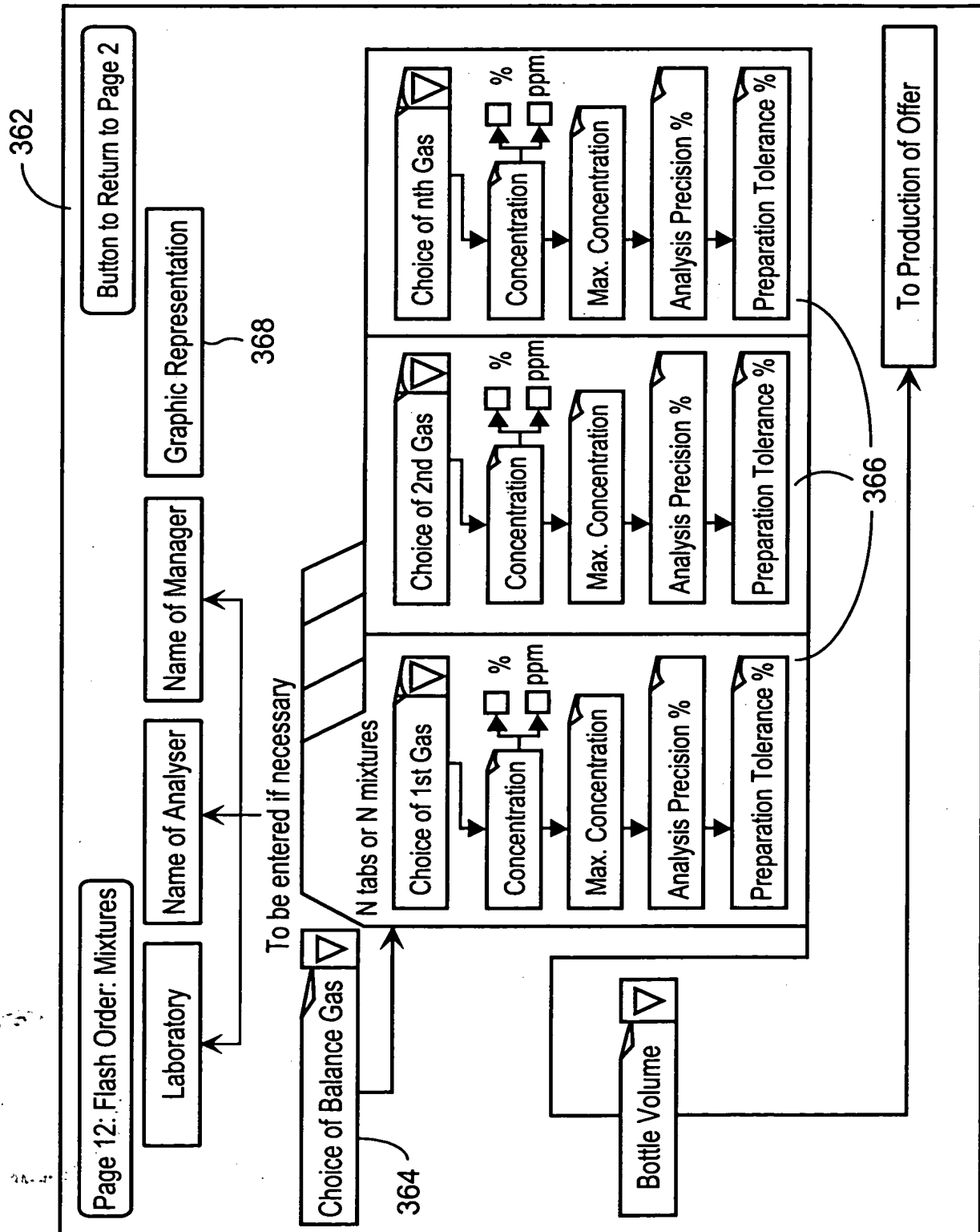


FIG. 10N



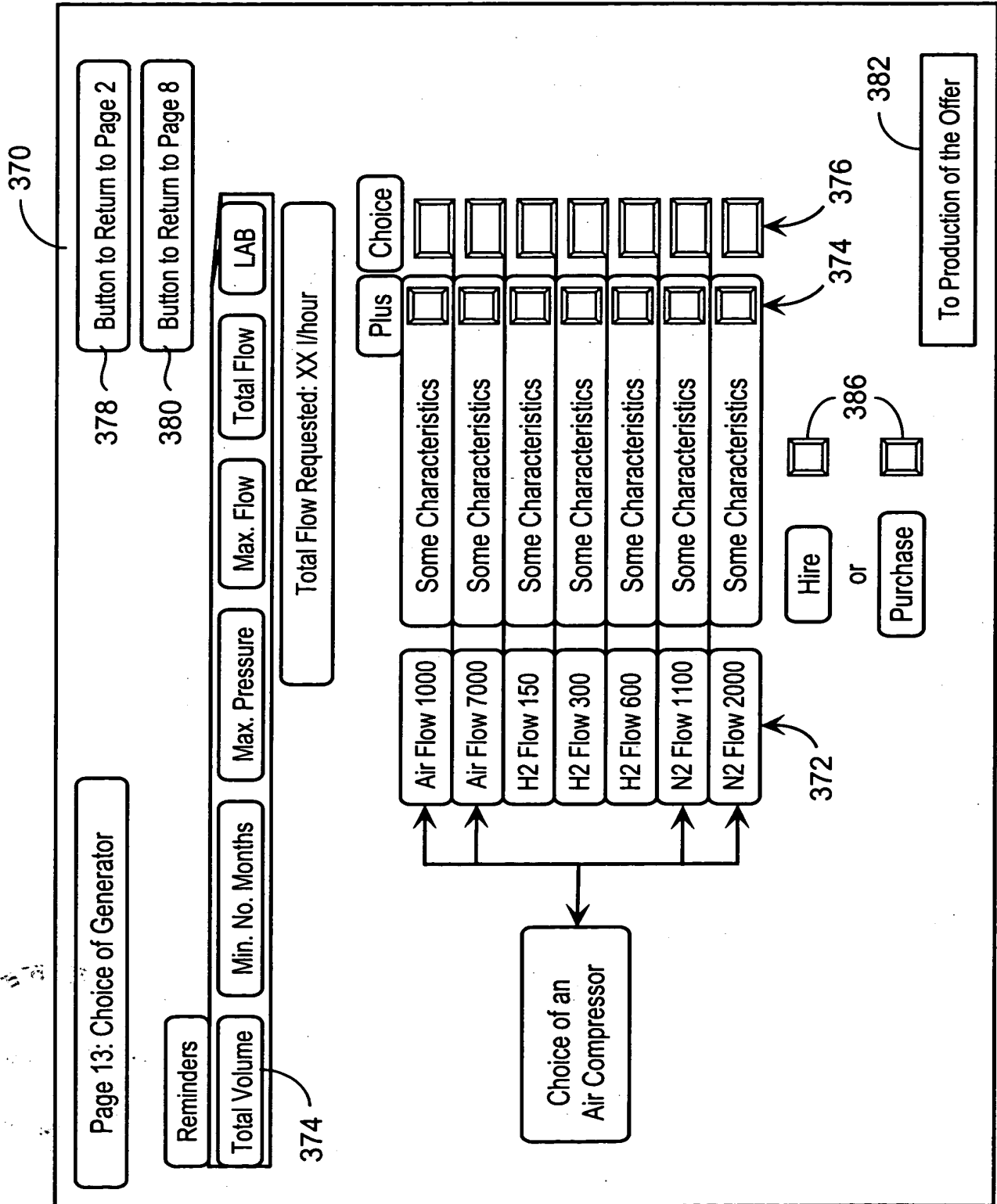


FIG. 100

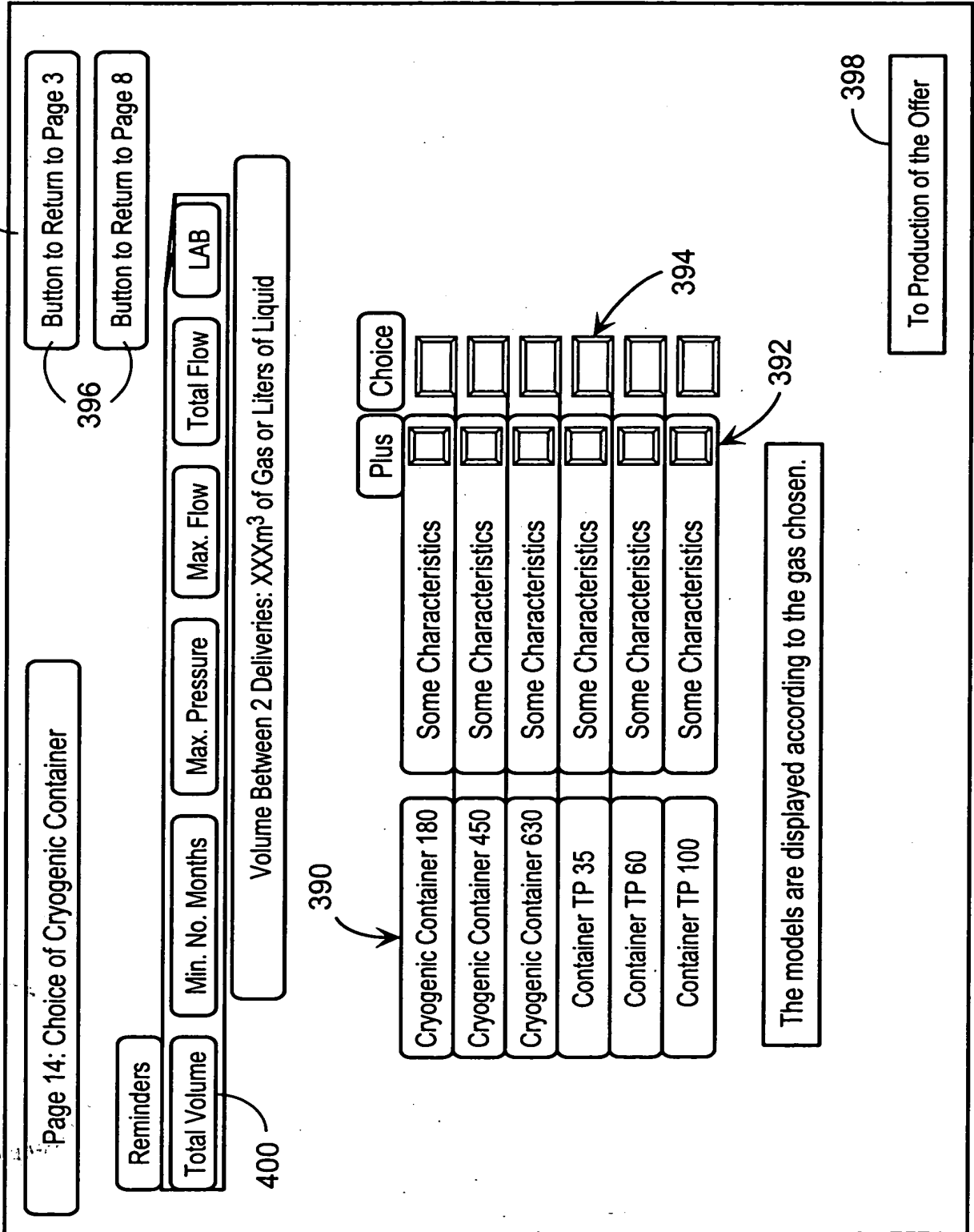


FIG. 10P

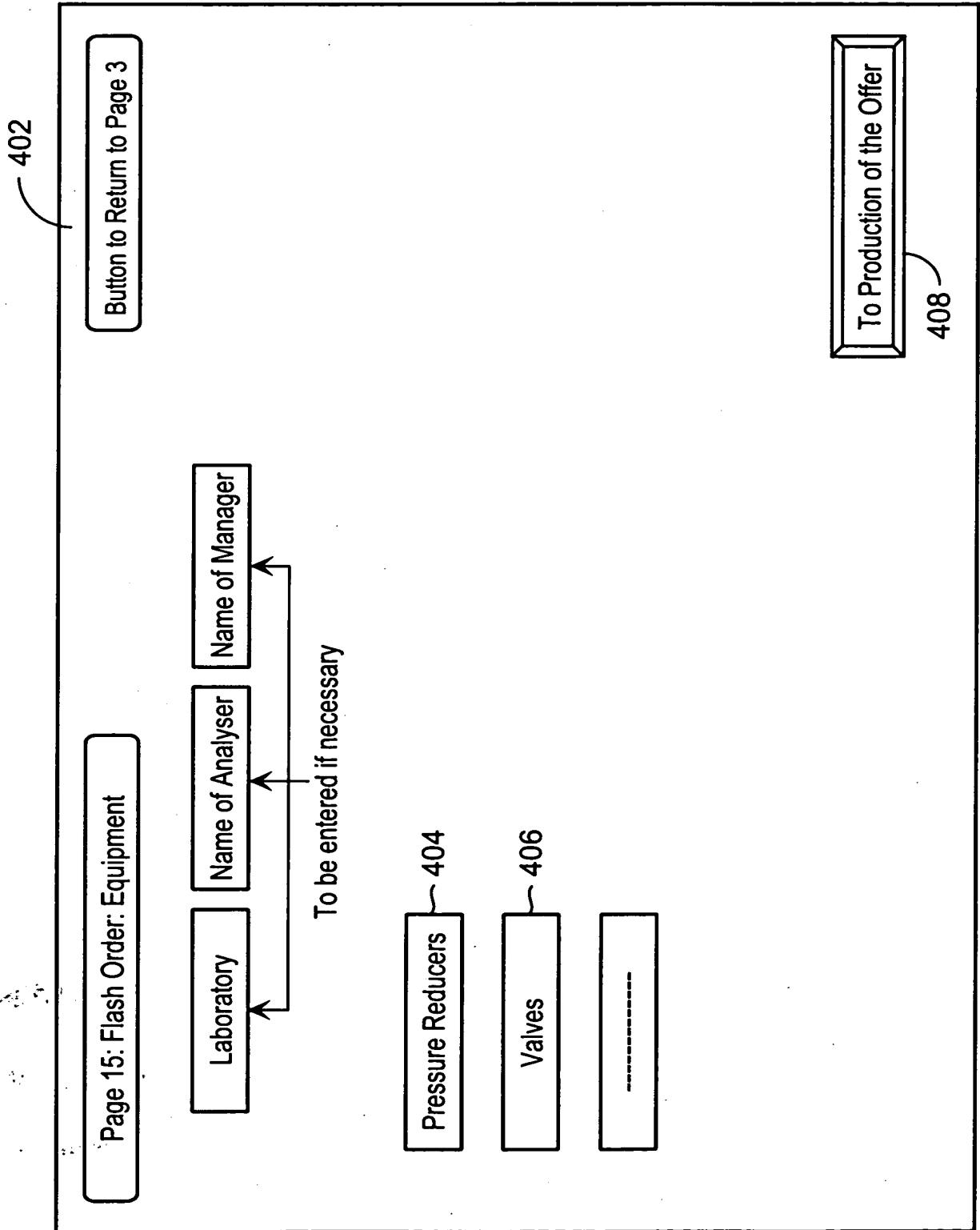


FIG. 100Q

Page 16

AIR LIQUIDE

Button to Return to Page 3 ...

410

412

CLIENT: .....

.....

	PRICE	
GAS		
Code.....	.....	
Number of Bottles.....	.....	
Others.....	.....	
EQUIPMENT		
Ref.....	.....	
Number.....	.....	
MIXTURES		
Ref.....	.....	
Number of Bottles.....		
		<u>Total Price .....</u>

FIG. 10R